

ABSTRACT:

A system and method for providing a generic user interface testing framework. The test framework, together with the systems and methods embodying the technology, maps the native test development language and environment into arbitrary languages and environments. The generic UI test framework insulates test developers from learning the tool-specific scripting language and environment. In accordance with one embodiment, the UI test framework provides a set of function interfaces and implementations that cover all generic UI testing operations. New users need only map their testing logic to the supported library interface in order to use the test tool, or another test tool, without having to learn the details of the underlying test-tool-specific scripting language.